Amendments to the Claims

1. (Currently amended) An AV data outputting apparatus comprising:

first selecting means (SW2) receiving first AV data and second AV data for selecting one from the first AV data and the second AV data, the first AV data resulting from encoding original data in a first encoding procedure, the second AV data resulting from encoding the original data in a second encoding procedure different from the first encoding procedure;

fixed-pattern data generating means (112c) for generating third AV data representative of either a first fixed pattern or a second fixed pattern, the first fixed pattern corresponding to the first encoding procedure, the second fixed pattern corresponding to the second encoding procedure;

second selecting means (SW3) for selecting one from the AV data selected by the first selecting means (SW2) and the third AV data generated by the fixed-pattern data generating means (112c);

outputting means (112d, 112e) for outputting the AV data selected by the second selecting means (SW3);

output data type designating means (110b) for designating a type of encoding about the AV data outputted by the outputting means (112d, 112e) among different types corresponding to the first and second encoding procedures respectively;

deciding means (111) for deciding whether or not the encoding procedure related to the AV data selected by the first selecting means (SW2) corresponds to the encoding type designated by the output data type designating means (110b); and

controlling means (111) for controlling the second selecting means (SW3) to select the AV data selected by the first selecting means (SW2) when the deciding means (111) decides that the encoding procedure related to the AV data selected by the first selecting means (SW2) corresponds to the encoding type designated by the output data type designating

means (110b), and controlling the second selecting means (SW3) to select the third AV data generated by the fixed-pattern data generating means (112c) and being representative of one of the first and second fixed patterns which corresponds to the encoding type designated by the output data type designating means (110b) when the deciding means (111) decides that the encoding procedure related to the AV data selected by the first selecting means (SW2) does not correspond to the encoding type designated by the output data type designating means (110b).

2. (Original) An AV data outputting apparatus as recited in claim 1, further comprising:

a camera device (101) for outputting the original data;

a first encoder (103) for encoding the original data outputted by the camera device (101) in the first encoding procedure to generate the first AV data; and

a second encoder (104) for encoding the original data outputted by the camera device (101) in the second encoding procedure to generate the second AV data.

3. (Original) An AV data outputting apparatus as recited in claim 2, further comprising a recording medium (107), and recording means (105, 106) for recording the first and second AV data generated by the first encoder (103) and the second encoder (104) on the recording medium (107).

4. (Original) An AV data outputting apparatus as recited in claim 1, further comprising:

a recording medium (107);

reproducing means (108, 109) for reproducing a signal from the recording medium (107);

a first processor (112a) for generating the first AV data from the signal reproduced by the reproducing means (108, 109), and feeding the first AV data to the first selecting means (SW2);

a second processor (112a) for generating the second AV data from the signal reproduced by the reproducing means (108, 109), and feeding the second AV data to the first selecting means (SW2);

second deciding means (111) for deciding whether the signal reproduced by the reproducing means (108, 109) corresponds to the first encoding procedure or the second encoding procedure; and

second controlling means (111) for controlling the first selecting means (SW2) to select the first AV data when the second deciding means (111) decides that the signal reproduced by the reproducing means (108, 109) corresponds to the first encoding procedure, and controlling the first selecting means (111) to select the second AV data when the second deciding means (111) decides that the signal reproduced by the reproducing means (108, 109) corresponds to the second encoding procedure.

5. (Original) An AV data outputting apparatus as recited in claim 1, wherein the first encoding procedure is a DV encoding procedure, and the second encoding procedure is an MPEG encoding procedure.

6. (Original) An AV data outputting apparatus as recited in claim 1, wherein the outputting means (112d, 112e) comprises means (112d, 112e) for outputting the AV data selected by the second selecting means (SW3) according to an isochronous transmission procedure prescribed by the IEEE1394-1995 standards.

7. (Currently Amended) An AV data outputting apparatus comprising:

first selecting means (SW2) receiving first AV data and second AV data for selecting one from the first AV data and the second AV data, the first AV data resulting from encoding original data in a first encoding procedure, the second AV data resulting from encoding the original data in a second encoding procedure different from the first encoding procedure;

fixed-pattern data generating means (112c) for selectively generating either third AV data or fourth AV data, the third AV data corresponding to the first encoding procedure, the fourth AV data corresponding to the second encoding procedure, the third AV data and the fourth AV data representing a fixed pattern;

second selecting means (SW3) for selecting one from the AV data selected by the first selecting means (SW2) and the AV data generated by the fixed-pattern data generating means (112c);

outputting means (112d, 112e) for outputting the AV data selected by the second selecting means (SW3);

output data type designating means (110b) for designating a type of encoding about the AV data outputted by the outputting means (112d, 112e) among different types corresponding to the first and second encoding procedures respectively;

deciding means (111) for deciding whether or not the encoding procedure related to the AV data selected by the first selecting means (SW2) corresponds to the encoding type designated by the output data type designating means (110b); and

controlling means (111) for controlling the second selecting means (SW3) to select the AV data selected by the first selecting means (SW2) when the deciding means (111) decides that the encoding procedure related to the AV data selected by the first selecting means (SW2) corresponds to the encoding type designated by the output data type designating means (110b), and controlling the fixed-pattern data generating means (112c) to generate the

AV data corresponding to the encoding type designated by the output data type designating means (110b) and controlling the second selecting means (SW3) to select the AV data generated by the fixed-pattern data generating means (112c) when the deciding means (111) decides that the encoding procedure related to the AV data selected by the first selecting means (SW2) does not correspond to the encoding type designated by the output data type designating means (110b).

8. (Currently amended) An imaging apparatus comprising:

a switch receiving first AV data and second AV data for selecting one from the first AV data and the second AV data, the first AV data resulting from either a first encoding procedure or a second encoding procedure different from the first encoding procedure, the second AV data representing a fixed-pattern and being of either a format corresponding to the first encoding procedure or a format corresponding to the second encoding procedure;

first means for loading isochronous packets with the AV data selected by the switch, and sequentially outputting the isochronous packets;

second means for designating a requested type of encoding about the AV data carried by the isochronous packets outputted by the first means among different types corresponding to the first and second encoding procedures respectively;

third means for deciding whether or not the encoding procedure related to the first AV data corresponds to the requested encoding type designated by the second means;

fourth means for controlling the switch to select the first AV data when the third means decides that the encoding procedure related to the first AV data corresponds to the requested encoding type designated by the second means; and

fifth means for causing the second AV data to be of the format corresponding to the requested encoding type designated by the second means and controlling the switch to select

the second AV data when the third means decides that the encoding procedure related to the first AV data does not correspond to the requested encoding type designated by the second means.

9. (Currently amended) An imaging apparatus comprising:

a first switch receiving first AV data and second AV data for selecting one from the first AV data and the second AV data, the first AV data resulting from a first encoding procedure, the second AV data resulting from a second encoding procedure different from the first encoding procedure;

first means for generating third AV data representative of a fixed pattern and being of either a format corresponding to the first encoding procedure or a format corresponding to the second encoding procedure;

a second switch for selecting one from the AV data selected by the first switch and the third AV data generated by the first means;

second means for loading isochronous packets with the AV data selected by the second switch, and sequentially outputting the isochronous packets;

third means for designating a requested type of encoding about the AV data carried by the isochronous packets outputted by the second means among different types corresponding to the first and second encoding procedures respectively;

fourth means for deciding whether or not the encoding procedure related to the AV data selected by the first switch corresponds to the requested encoding type designated by the third means;

fifth means for controlling the second switch to select the AV data selected by the first switch when the fourth means decides that the encoding procedure related to the AV data selected by the first switch corresponds to the requested encoding type designated by the

third means; and

sixth means for controlling the first means to cause the third AV data generated by the first means to be of the format corresponding to the requested encoding type designated by the third means and controlling the second switch to select the third AV data generated by the first means when the fourth means decides that the encoding procedure related to the AV data selected by the first switch does not correspond to the requested encoding type designated by the third means.

10. (Original) An imaging apparatus as recited in claim 9, further comprising:

a recording medium;

seventh means for reproducing a signal from the recording medium;

a first processor for generating the first AV data from the signal reproduced by the seventh means, and feeding the first AV data to the first switch;

a second processor for generating the second AV data from the signal reproduced by the seventh means, and feeding the second AV data to the first switch;

eighth means for deciding whether the signal reproduced by the seventh means corresponds to the first encoding procedure or the second encoding procedure;

ninth means for controlling the first switch to select the first AV data when the eighth means decides that the signal reproduced by the seventh means corresponds to the first encoding procedure; and

tenth means for controlling the first switch to select the second AV data when the eighth means decides that the signal reproduced by the seventh means corresponds to the second encoding procedure.